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December 3 , 2001

Mr. Don Pettit
Oregon Department of Environmental Quality
2020 SW Fourth Street
Suite 400
Portland, OR 97201-4987

Subject: Analytical Data for Linnton Plywood Association

Dear Don:

This letter presents a summary of the groundwater, soil, and sediment analytical results from the October 16th through 19th sampling event at the Linnton Plywood Association (LPA) Facility in Linnton, Oregon. The objective of the sampling was to develop conclusions regarding the likelihood of one or more present sources and pathways for the release of hazardous substances to sediments or surface water adjacent to the LPA Facility. The sampling was conducted as part of Pre-Remedial Investigation Assessment activities, pursuant to the Sampling and Analysis Plan (CH2M HILL, April 2001) and Scope of Work for the Voluntary Agreement for Remedial Investigation.

The analytical results are encouraging and based on the data, apparently the site does not pose a significant threat to the public health, welfare or the environment. The data still needs to be thoroughly analyzed and the findings will be presented in the final report. The report should be ready for your review within the next few weeks.

Table 1 shows the results for the groundwater samples. Table 2 displays the results for the soil and sediment samples. The laboratory raw data sheets are also attached.

If you have any questions or would like to discuss the data, please call me at 503/235-5022, ext. 4316.

Sincerely,

CH2M HILL

Paul LaFrance

Paul LaFrance, P.E.

c: Jim Stahly/Linnton Plywood Association
John DeVoe/Dunn-Carney
Jim Hutchison/Tooze, Duden, Creamer, Frank & Hutchison
Jeff Gentry/CH2M HILL
Natalie Young Pong/CH2M HILL

Table 1
Preliminary Groundwater Sample Summary
Linnton Plywood Sample Event
Conducted by CH2M HILL October 18 and October 19 2001

Location	Analysis						
	PAHs	VOCs	Chromium	Copper	Lead	Gasoline Range	Diesel Range
	ug/L		ug/L	ug/L	ug/L	mg/L	mg/L
Auto Repair	NS	ND	NS	NS	NS	**0.044**	NS
Steam Cleaning	ND	ND	ND	ND	**17.8**	**0.05**	ND
Green End	ND	ND	ND	ND	**6.3**	**0.042**	ND
Boiler House	ND					**0.04**	ND
Wigwam Burner	ND*		ND	**15.3**	**15.1**	**0.096**	ND
Sander Dust Ash	ND		ND	ND	**3.2**	ND*	**0.239**
Clark Wilson Center	**bis(2-Ethylhexyl) phthalate 103**						
Clark Wilson South	**bis(2-Ethylhexyl) phthalate 27**						
Maintenance Shop	ND	ND	**66.1**	**31.1**	**424**	**0.049**	**4.34**

Notes
* MRL was higher than expected
Not sampled pursuant to Agreement
ND - not detected
NS- unable to collect sufficient sample

Table 2
Preliminary Soil and Sediment Sample Summary
Linnton Plywood Sample Event
Conducted by CH2M HILL on October 16, 2001

Sample Location	Type of Sample	PAH (EPA 8270)*	VOC (EPA 8260)*	PCB (EPA 8082)	Cadmium (EPA 6010)	Chromium (EPA 6010)	Lead (EPA 6010)	Zinc (EPA 6010)	Copper (EPA 6010)	Diesel	Gasoline
		ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Duplicate of Catch Basin 3	sediment	**Benzyl butyl phthalate 7070**	**Toluene 76.5, p-Isopropyltoluene 16.5**	**16.7**	ND	**20.8**	**28.5**	**25.1**	**139**	**84.9**	**15**
Outfall 6	sediment	**Phenanthrene-20600, Anthracene-3370, Fluoranthene-12700, Pyrene-15600, Benzo(a)anthracene-3880, Chrysene- 4980, Benzo(b)fluoranthene-2080**		ND	**4.2**	**22.7**	**49.8**	**13.6**	**714**	**108**	**7.73**
Auto Repair	surface	ND	**1,1-Dichloroethene- 1.7**		ND	**25.5**	**31**			**43.7**	**15.9**
Steam Cleaning	surface	ND	ND		ND	**12.6**	**23.9**			**48.2**	**8.19**
Outfall 5 West	surface	**bis(2-Ethylhexyl) phthalate 6330**	ND	ND	**3.1**	**42.2**	**182**	**79.8**	**482**	**1430**	**13.2**
Outfall 5 East	surface	ND	**cis-1,2-Dichloroethene-5.4, Tetrachloroethene-3.5**	ND	**3.4**	**48.4**	**160**	**102**		**1820**	**13.8**
Outfall 5 West	subsurface	**bis(2-Ethylhexyl) phthalate 2220**	**Trichlorofluoromethane-1.7, 1,1-Dichloroethene-2.1, Tetrachloroethene-5.4**		**7.7**	**67.3**	**241**	**739**		**1270**	**12.5**
Outfall 5 East	subsurface	ND	**Tetrachloroethene-17**		**5.8**	**56.8**	**134**	**687**		**1620**	**13.6**
Maintenance Shop	surface	**bis(2-Ethylhexyl) phthalate 3890**	ND		**3**	**105**	**402**			**938**	**1.36**
Catch Basin 3A	sediment	ND	**p-Isopropyltoluene-2.6**	**9.9**	ND	**18.2**	**24.5**	**16.5**	**177**	**262**	**0.38**
Catch Basin 3	sediment	ND	**Toluene-24.9, p-Isopropyltoluene-12.2**	**19.2**	ND	**21.1**	**35.4**	**33.1**	**175**	**104**	**0.225**
Catch Basin 2	sediment	ND	ND		ND	**23.8**	**13.9**	**12.1**	**111**	**65.7**	**0.121**

Notes
* MRL was higher than expected for various analyses
Not sampled pursuant to Agreement
ND - not detected